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PATENT

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Applicant: Lu-Kwang JU

Docket No.: UA-338

Serial No: 09/830,894

Examiner: Irene Marx

Filed: April 27, 2001

Group Art Unit: 1651

For: PRODUCTION OF BIOLOGICAL MATERIALS BY SIMULTANEOUS
AEROBIC AND ANAEROBIC RESPIRATIONCOMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231RESPONSE AND AMENDMENT A

Dear Sir:

Applicant, through his Attorney, respectfully responds to the Examiner's Office
Action mailed October 16, 2002 as follows:

IN THE SPECIFICATION

Please replace the paragraph at page 11, lines 24-28 spanning page 12, lines 1-6 with
the following amended paragraph:

B' Facultative aerobic bacteria are those species of bacteria that can either utilize oxygen
for respiration purposes under aerobic conditions, or can utilize alternative oxidants other
than oxygen for respiration purposes in the absence of oxygen. Suitable species of facultative
aerobic bacteria that may be used in the present invention include, but are not limited to,
nitrate/nitrite respiration bacteria such as *Pseudomonas aeruginosa*, *Pseudomonas*
fluorescens, *Paracoccus denitrificans*, *Micrococcus halodenitrificans*, *Klebsiella aerogenes*,
Escherichia coli, and the like; hyperthermophilic Archaea bacteria such as *Acidianus*; and the
fumarate respiration bacteria such as *Wolinella succinogenes*, *Escherichia coli* and *Proteus*
rettgeri. A preferred facultative aerobic bacterium is that of the genus *Pseudomonas*.

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envelope with sufficient postage addressed to: Commissioner for Patents, Washington, D.C. 20231.

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1-16-03
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